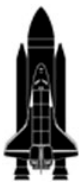


Tuesday, May 8, 2001

## Return of Endeavour to KSC expected on Wednesday, May 9



## High pressure gas assembly to be installed in Atlantis payload bay



▲ **Mission Update:** Weather permitting, **Endeavour** is expected to return to KSC Wednesday, May 9, on a piggyback flight from Edwards AFB, Calif., stopping overnight at Dyess AFB in Abilene, Texas. Endeavour is next scheduled to fly Nov. 29 on mission STS-108, the 12th construction flight to the International Space Station, carrying the resident crew Expedition 4 and returning Expedition 3 to Earth. **Atlantis** is scheduled to roll out to Launch Pad 39B on May 21 to prepare for launch June 14 on mission STS-104. This 10th construction flight to the Space Station carries the Joint Airlock Module to be added to the growing Station. The airlock will allow for station-based spacewalks to take place with U.S. and Russian spacesuits, without the presence of the Shuttle.

▲ **Payload Preparations** for mission STS-104 are underway in the O&C with the placement this week of two gaseous oxygen and two gaseous nitrogen storage tanks on a Spacelab Logistics Double Pallet to be installed in Atlantis's payload bay. During two spacewalks, the crew will attach the tanks to the outside of the Joint Airlock Module to support future spacewalk operations from the Station and to augment the Service Module gas resupply system.

◆ **Education Opportunity:** The University of Miami is currently accepting applications for the Master of Science in Industrial Engineering (MSIE) starting in the summer 2001 semester. MSIE applicants are required to have completed an engineering undergraduate degree from an accredited university. For more information and to receive an MSIE application/brochure, please call Augusto Roca, program administrator, at 1-305-284-4100 or send e-mail to [augusto@miami.edu](mailto:augusto@miami.edu).

◆ **Sea Turtle nesting** and hatchling season started May 1 and will run until Oct. 31.



This is the time of year when thousands of sea turtles crawl ashore to nest on Florida beaches. Five species of sea turtles nest throughout Florida, which is the area with the second highest nesting density in the entire world. Please do your part to protect these threatened and endangered animals by minimizing beach lighting and not harassing nesting females. If you want further information on how to protect them, read your city's local outdoor lighting policies or visit the Web site for FDEP's Bureau of Protected Species. If you want to participate on a sea turtle walk, call the Merritt Island Wildlife Refuge or Canaveral National Seashore's offices for reservations. For information about sea turtle nesting at KSC, send e-mail to [motamj@kscems.ksc.nasa.gov](mailto:motamj@kscems.ksc.nasa.gov).

◆ **Reminder: The OAO/ODIN Exhibit Show** is in the HQ Lobby today, May 8, from 11 a.m. to 2:30 p.m. ODIN customers will be able to view the ODIN Catalog and learn about the new Windows 2000 coming soon to ODIN customers. Siemens representatives will be available to show their phones and answer any questions about the new phone systems. For more information, visit the Web site at <http://kscodininfo/>.

◆ **Did You Know?** Color versions of *Spaceport News* can be viewed on the Web. Go to <http://www-pao.ksc.nasa.gov/kscpao/snews/snewstoc.htm/> and select the current issue or previous issues by year and date.  
★

KSC Countdown is published every Tuesday & Thursday.

Deadlines: 10 a.m. the day before. Send information, comments or questions to:

E-mail – [Anita.Barrett-1@ksc.nasa.gov](mailto:Anita.Barrett-1@ksc.nasa.gov) ◆ Mail Code – IDI-011 ◆ Telephone – 867-2815  
Countdown on the Internet -- <http://www-pao.ksc.nasa.gov/kscpao/ksccount/2001/2001.htm>